

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented): A remote station apparatus comprising:

a link quality estimation unit operative to generate a link quality estimate in response to a first power control instruction received on a common channel; and

a power control unit coupled to the link quality estimation unit, the power control unit operative to generate a second power control instruction in response to the link quality estimate.

2. (Previously Presented): The remote station apparatus of claim 1, wherein the remote station apparatus controls transmission power in response to the first power control instruction.

3. (Previously Presented): The remote station apparatus of claim 1, wherein the remote station apparatus transmits the second power control instruction.

4. (Previously Presented): A base station apparatus comprising:

a decoder; and

a determination unit coupled to the decoder, the determination operative to determine a received power control instruction for base station transmission on a common channel; and

an adjustment unit coupled to the determination unit, the adjustment unit operative to adjust a transmission power level of the power control instruction.

5. (Previously Presented): A base station apparatus comprising:

a control processor for power control of transmission of power control instructions on a common channel, wherein a transmission power level of the power control instruction is initially set to a reference value; and

an amplifier operative to adjust a power level of the power control instructions.

6. (Previously Presented): A wireless communication system comprising:

a first power control unit operative to transmit reverse link power control instructions on a common channel; and

a second power control unit operative to adjust transmission power of the reverse link power control instructions in response to forward link power control instructions received on a reverse link.

7. (Previously Presented): A method for power control in a wireless apparatus operative in a communication system having a forward link and a reverse link, the system transmitting power control bits on a forward link common channel, the method comprising:

measuring a SNR of at least one power control bit for controlling a reverse link; and
determining a power control decision for the forward link based on the SNR.

8. (Previously Presented): A method for power control in a wireless communication system, the system having a forward link and a reverse link, the system transmitting power control instructions on a forward link common channel, the method comprising:

determining a first power control instruction for control of the reverse link;

in response to receiving a second power control instruction on the reverse link, the second power control instruction for control of the forward link, determining a first transmission power level; and

transmitting the first power control instruction at the first transmission power level on the common channel.

9. (Previously Presented): A method for power control in a wireless communication system, the system having a forward link and a reverse link, the system transmitting power control instructions on a forward link common channel, the method comprising:

generating a reverse link power control instruction using a predetermined value;
generating a forward link power control instruction; and

adjusting a power level for transmission of the forward link power control instruction according to the reverse link power control instruction.

10. (Previously Presented): The remote station apparatus of claim 1, the link quality estimation unit further operative to:

generate the link quality estimate based on a received power level of the first power control instruction, and

wherein the power control unit is further operative to:

generate a second power control instruction for power control of the common channel.

11. (Previously Presented): The base station apparatus of claim 4, wherein a transmission power level of the power control instruction is initially set to a reference value.